

Connecting via Winsock to STN

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LOGINID:ssspta1743mxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	SEP 09	CA/CAPLUS records now contain indexing from 1907 to the present
NEWS	4	DEC 08	INPADOC: Legal Status data reloaded
NEWS	5	SEP 29	DISSABS now available on STN
NEWS	6	OCT 10	PCTFULL: Two new display fields added
NEWS	7	OCT 21	BIOSIS file reloaded and enhanced
NEWS	8	OCT 28	BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS	9	NOV 24	MSDS-CCOHS file reloaded
NEWS	10	DEC 08	CABA reloaded with left truncation
NEWS	11	DEC 08	IMS file names changed
NEWS	12	DEC 09	Experimental property data collected by CAS now available in REGISTRY
NEWS	13	DEC 09	STN Entry Date available for display in REGISTRY and CA/CAPLUS
NEWS	14	DEC 17	DGENE: Two new display fields added
NEWS	15	DEC 18	BIOTECHNO no longer updated
NEWS	16	DEC 19	CROPU no longer updated; subscriber discount no longer available
NEWS	17	DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS	18	DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS	19	DEC 22	ABI-INFORM now available on STN
NEWS	20	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	21	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS	22	FEB 05	German (DE) application and patent publication number format changes
NEWS	23	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS	24	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	25	MAR 03	FRANCEPAT now available on STN
NEWS EXPRESS			MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 08:33:06 ON 08 MAR 2004

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'STNGUIDE' ENTERED AT 08:33:09 ON 08 MAR 2004

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COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE

AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Mar 5, 2004 (20040305/UP).

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.06

0.27

FILE 'REGISTRY' ENTERED AT 08:33:19 ON 08 MAR 2004

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STRUCTURE FILE UPDATES: 5 MAR 2004 HIGHEST RN 659289-63-1

DICTIONARY FILE UPDATES: 5 MAR 2004 HIGHEST RN 659289-63-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

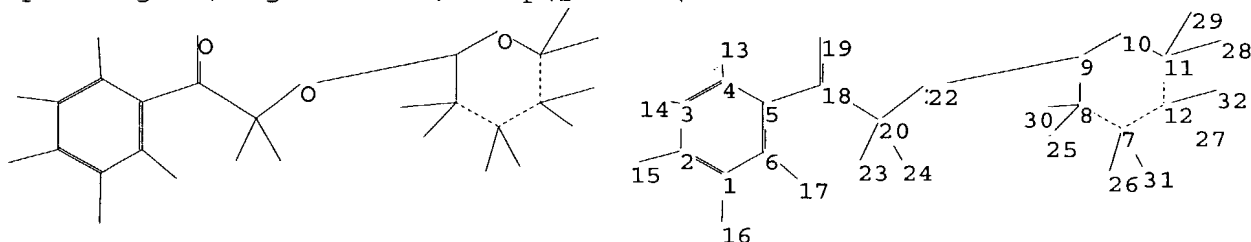
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\09883409.str



```

chain nodes :
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
1-16 2-15 3-14 4-13 5-18 6-17 7-26 7-31 8-25 8-30 9-22 11-28 11-29
12-27 12-32 18-19 18-20 20-21 20-23 20-24
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
7-8 7-12 8-9 9-10 10-11 11-12 18-19 20-21
exact bonds :
1-16 2-15 3-14 4-13 5-18 6-17 7-26 7-31 8-25 8-30 9-22 11-28 11-29
12-27 12-32 18-20 20-23 20-24
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS
27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS

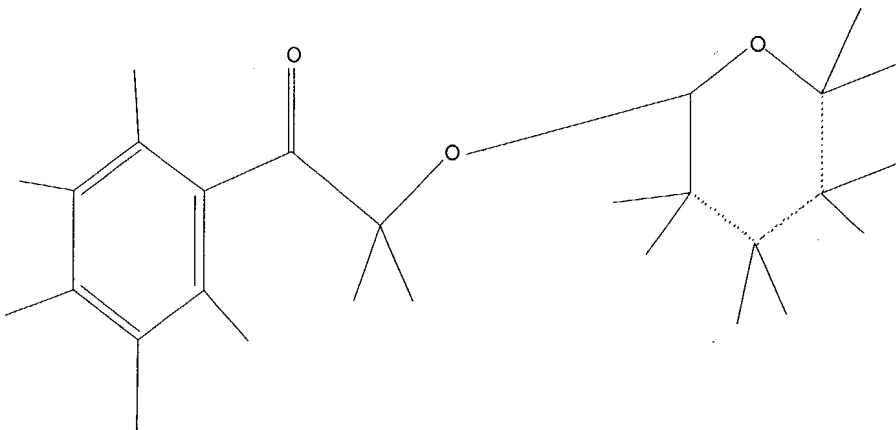
```

L1 STRUCTURE UPLOADED

```

=> d l1
L1 HAS NO ANSWERS
L1 STR

```



Structure attributes must be viewed using STN Express query preparation.

```

=> s l1 sss full
FULL SEARCH INITIATED 08:34:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1 TO ITERATE

```

```

100.0% PROCESSED          1 ITERATIONS                      0 ANSWERS
SEARCH TIME: 00.00.01

```

L2 0 SEA SSS FUL L1

```

=> s l1 sss sam

```

SAMPLE SEARCH INITIATED 08:34:28 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 1 TO 80  
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	157.10	157.37

STN INTERNATIONAL LOGOFF AT 08:36:29 ON 08 MAR 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal743mxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	SEP 09	CA/CAPlus records now contain indexing from 1907 to the present
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NEWS 22	FEB 05	German (DE) application and patent publication number format

changes

NEWS 23 MAR 03 MEDLINE and LMEDLINE reloaded  
 NEWS 24 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
 NEWS 25 MAR 03 FRANCEPAT now available on STN

NEWS EXPRESS MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
 AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 08:39:21 ON 08 MAR 2004

=> file registry

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:39:29 ON 08 MAR 2004

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STRUCTURE FILE UPDATES: 5 MAR 2004 HIGHEST RN 659289-63-1

DICTIONARY FILE UPDATES: 5 MAR 2004 HIGHEST RN 659289-63-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

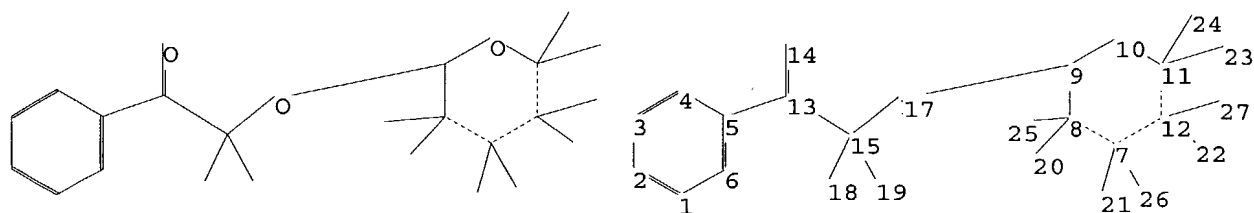
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\09883409a.str



chain nodes :

13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

chain bonds :

5-13 7-21 7-26 8-20 8-25 9-17 11-23 11-24 12-22 12-27 13-14 13-15 15-16  
15-18 15-19

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

7-8 7-12 8-9 9-10 10-11 11-12 13-14 15-16

exact bonds :

5-13 7-21 7-26 8-20 8-25 9-17 11-23 11-24 12-22 12-27 13-15 15-18 15-19

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS

19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS

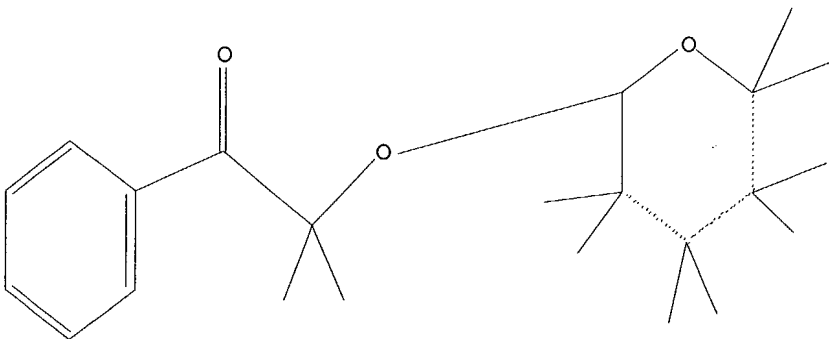
27:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

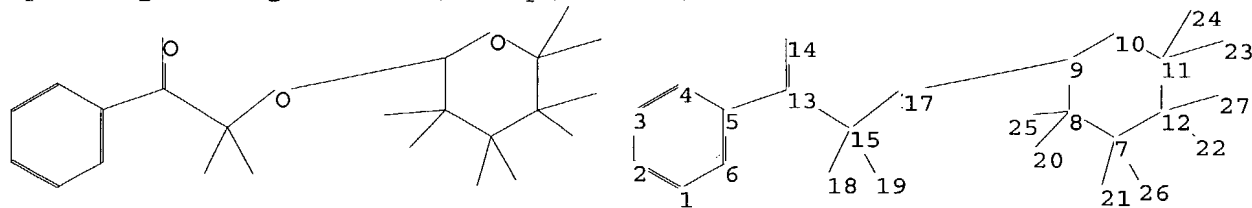
FULL SEARCH INITIATED 08:40:00 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 25 TO ITERATE

100.0% PROCESSED 25 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

L2 0 SEA SSS FUL L1

=>  
Uploading C:\Program Files\Stnexp\Queries\09883409b.str

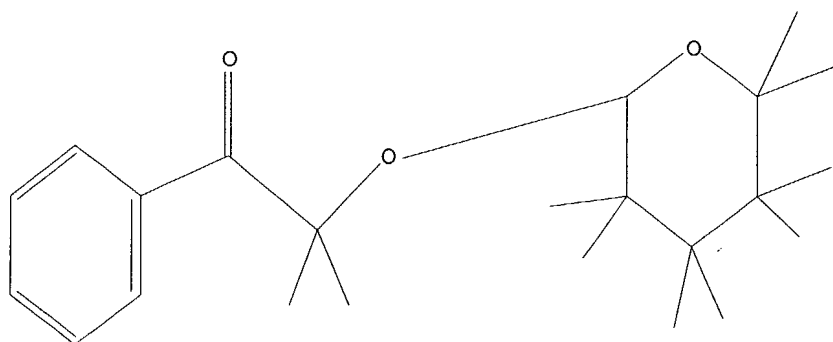


chain nodes :  
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
ring nodes :  
1 2 3 4 5 6 7 8 9 10 11 12  
chain bonds :  
5-13 7-21 7-26 8-20 8-25 9-17 11-23 11-24 12-22 12-27 13-14 13-15 15-16  
15-18 15-19  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12  
exact/norm bonds :  
7-8 7-12 8-9 9-10 10-11 11-12 13-14 15-16  
exact bonds :  
5-13 7-21 7-26 8-20 8-25 9-17 11-23 11-24 12-22 12-27 13-15 15-18 15-19  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS  
27:CLASS

L3 STRUCTURE UPLOADED

=> d l3  
L3 HAS NO ANSWERS  
L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l3 sss full

FULL SEARCH INITIATED 08:41:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 25 TO ITERATE

100.0% PROCESSED 25 ITERATIONS

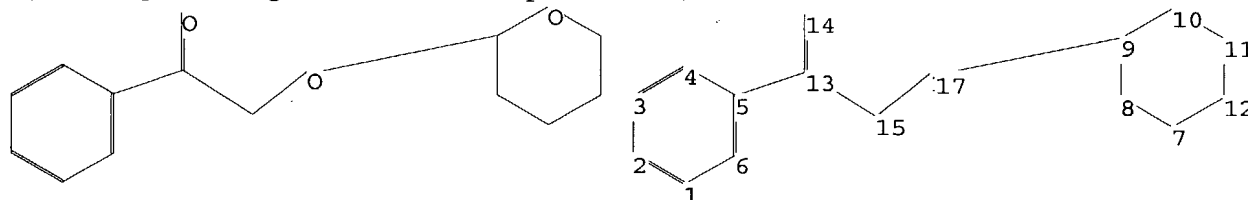
0 ANSWERS

SEARCH TIME: 00.00.01

L4 0 SEA SSS FUL L3

=>

Uploading C:\Program Files\Stnexp\Queries\09883409c.str



chain nodes :

13 14 15 16 17

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

chain bonds :

5-13 9-17 13-14 13-15 15-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

7-8 7-12 8-9 9-10 10-11 11-12 13-14 15-16

exact bonds :

5-13 9-17 13-15

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

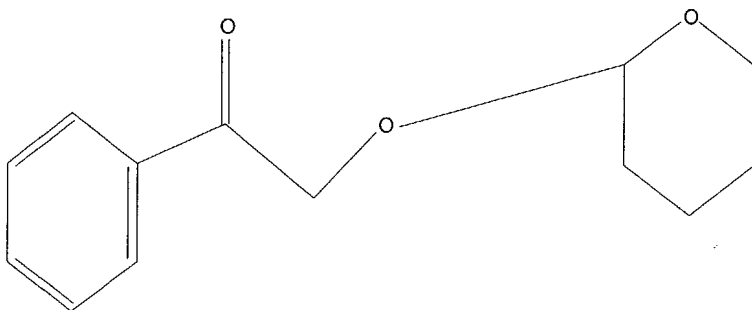


L5        STRUCTURE UPLOADED

=> d l5

L5 HAS NO ANSWERS

L5                STR



Structure attributes must be viewed using STN Express query preparation.

=> s l5 sss sam

SAMPLE SEARCH INITIATED 08:43:19 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3168 TO ITERATE

31.6% PROCESSED        1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

10 ANSWERS

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*  
                              BATCH    \*\*COMPLETE\*\*

PROJECTED ITERATIONS:        59985 TO        66735  
PROJECTED ANSWERS:            296 TO        970

L6                10 SEA SSS SAM L5

=> s l5 sss full

FULL SEARCH INITIATED 08:43:29 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 61889 TO ITERATE

100.0% PROCESSED        61889 ITERATIONS  
SEARCH TIME: 00.00.01

310 ANSWERS

L7                310 SEA SSS FUL L5

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
467.94	468.15

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 08:43:35 ON 08 MAR 2004

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FILE COVERS 1907 - 8 Mar 2004 VOL 140 ISS 11  
FILE LAST UPDATED: 5 Mar 2004 (20040305/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 17

L8 171 L7

=> s 18 and (fragran? or perfum? or precursor?)

12008 FRAGRAN?

30314 PERFUM?

270805 PRECURSOR?

L9 4 L8 AND (FRAGRAN? OR PERFUM? OR PRECURSOR?)

=> d 19 hitstr, ibib, iabs 1-4

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN

IT 385374-68-5P 385374-69-6P 385374-70-9P

385374-71-0P

RL: COS (Cosmetic use); PRP (Properties); SPN (Synthetic preparation);

BIOL (Biological study); PREP (Preparation); USES (Uses)

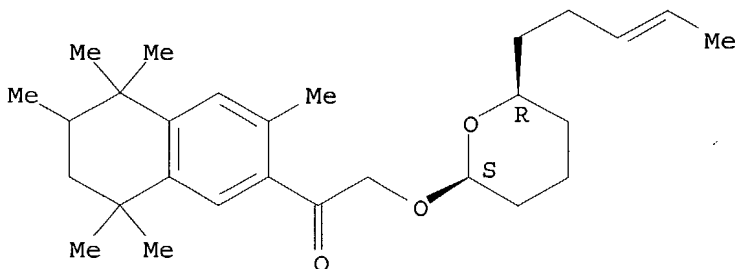
(preparation of **fragrance precursors**)

RN 385374-68-5 CAPLUS

CN Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)-2-  
[[ (2R,6S)-tetrahydro-6-(3-pentenyl)-2H-pyran-2-yl]oxy]-, rel- (9CI) (CA  
INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

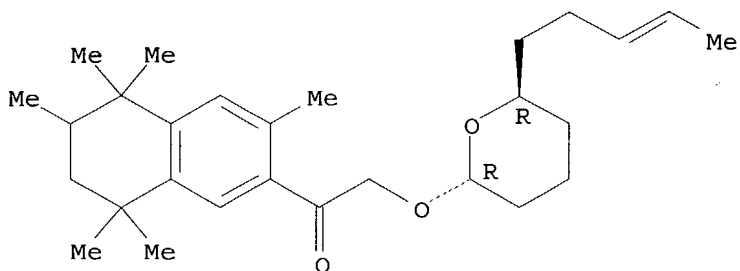


RN 385374-69-6 CAPLUS

CN Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)-2-  
[[ (2R,6R)-tetrahydro-6-(3-pentenyl)-2H-pyran-2-yl]oxy]-, rel- (9CI) (CA  
INDEX NAME)

Relative stereochemistry.

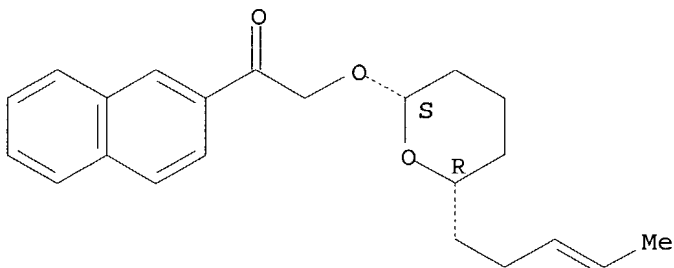
Double bond geometry unknown.



RN 385374-70-9 CAPLUS

CN Ethanone, 1-(2-naphthalenyl)-2-[[[(2R,6S)-tetrahydro-6-(3-pentenyl)-2H-pyran-2-yl]oxy]-, rel- (9CI) (CA INDEX NAME)

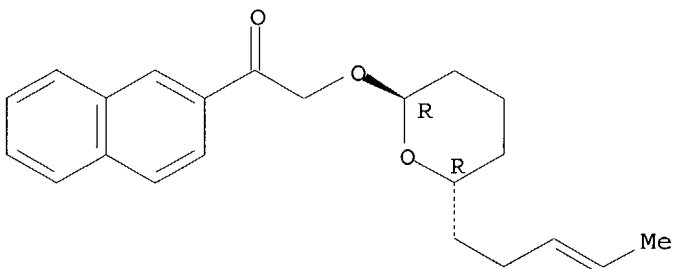
Relative stereochemistry.  
Double bond geometry unknown.



RN 385374-71-0 CAPLUS

CN Ethanone, 1-(2-naphthalenyl)-2-[[[(2R,6R)-tetrahydro-6-(3-pentenyl)-2H-pyran-2-yl]oxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



ACCESSION NUMBER: 2002:9972 CAPLUS  
DOCUMENT NUMBER: 136:74334  
TITLE: Preparation of **fragrance precursors**  
INVENTOR(S): Gautschi, Markus; Plessis, Caroline; Derrer, Samuel  
PATENT ASSIGNEE(S): Givaudan S.A., Switz.  
SOURCE: Eur. Pat. Appl., 27 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----

EP 1167362	A1	20020102	EP 2000-111981	20000619
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
ZA 2001002924	A	20011011	ZA 2001-2924	20010409
JP 2002020783	A2	20020123	JP 2001-158193	20010528
CN 1330070	A	20020109	CN 2001-121039	20010615
US 2002035055	A1	20020321	US 2001-883409	20010618
BR 2001002430	A	20020219	BR 2001-2430	20010619

PRIORITY APPLN. INFO.: EP 2000-111981 A 20000619

OTHER SOURCE(S): MARPAT 136:74334

ABSTRACT:

The present invention refers to **fragrance precursors** of cyclic phenacyl acetals for **fragrant** ketones and **fragrant** lactones. These **fragrance precursors** are useful in \*\*\*perfumery\*\*\*, especially in the fine and functional **perfumery**. Thus, cyclic phenacyl acetals were prepared by the treatment of corresponding bromo acetophenones with sodium formate in aqueous EtOH, followed by the reaction with cyclic vinyl ethers. Photolysis of these acetals released **fragrant** aryl lactones and lactones.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN

IT 188245-72-9P 188245-73-0P 188245-74-1P  
188245-75-2P 188245-80-9P 188245-81-0P  
188245-82-1P 188245-83-2P 188245-84-3P  
188245-85-4P

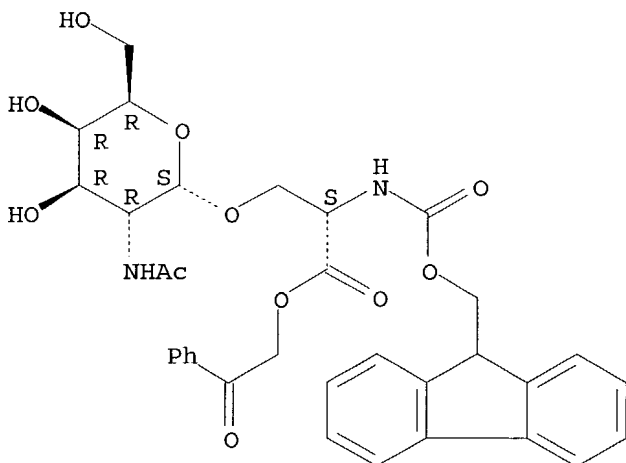
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of novel glycosyl donor for synthesis of cancer specific core 5 and sialyl core 5 as glycopeptide building blocks)

RN 188245-72-9 CAPLUS

CN L-Serine, O-[2-(acetylamino)-2-deoxy- $\alpha$ -D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

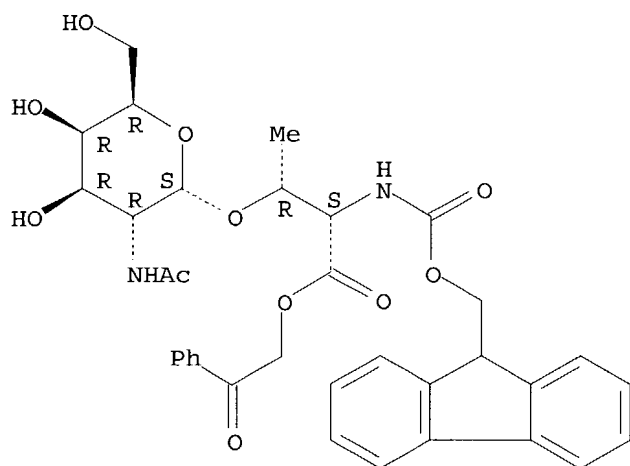
Absolute stereochemistry.



RN 188245-73-0 CAPLUS

CN L-Threonine, O-[2-(acetylamino)-2-deoxy- $\alpha$ -D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

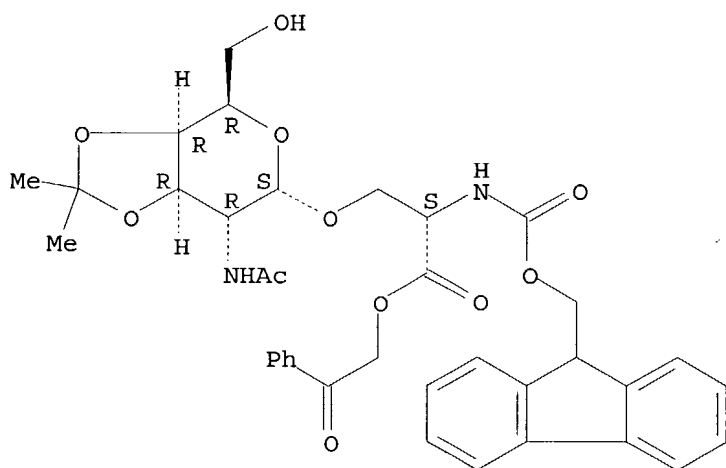
Absolute stereochemistry.



RN 188245-74-1 CAPLUS

CN L-Serine, O-[2-(acetylamino)-2-deoxy-3,4-O-(1-methylethylidene)- $\alpha$ -D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

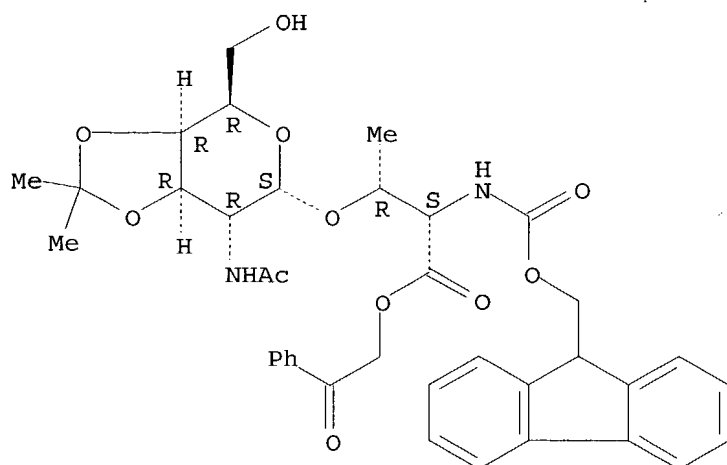
Absolute stereochemistry.



RN 188245-75-2 CAPLUS

CN L-Threonine, O-[2-(acetylamino)-2-deoxy-3,4-O-(1-methylethylidene)- $\alpha$ -D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

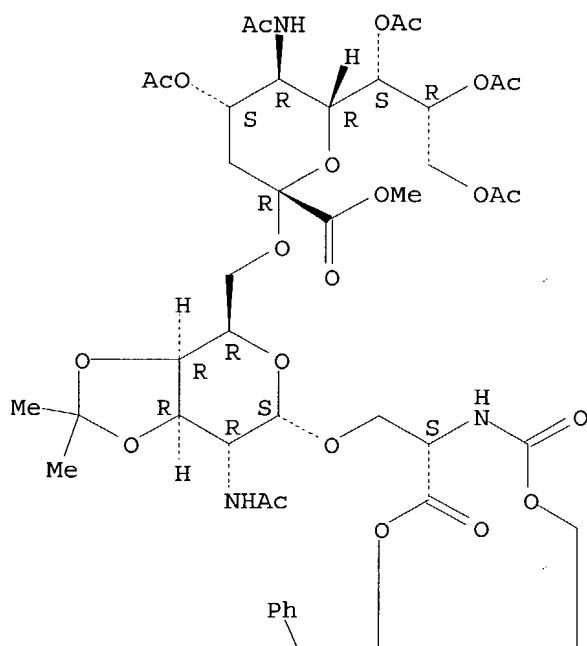


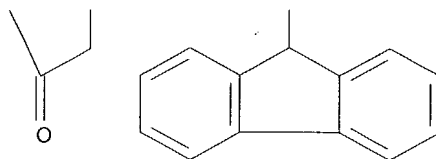
RN 188245-80-9 CAPLUS

CN L-Serine, O-[2-(acetylamino)-6-O-(N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl- $\alpha$ -neuraminosyl)-2-deoxy-3,4-O-(1-methylethylidene)- $\alpha$ -D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

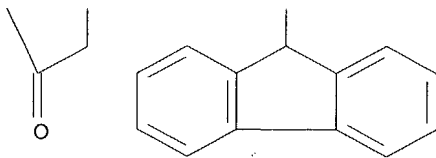
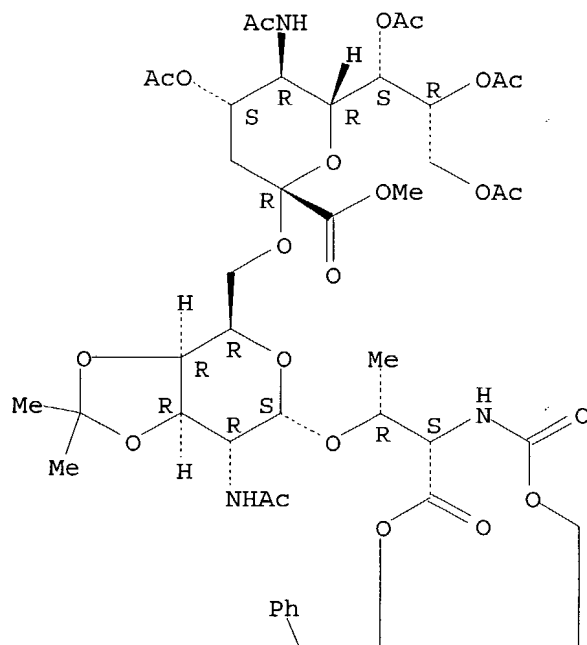
PAGE 1-A





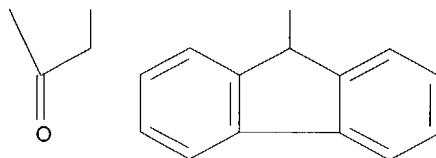
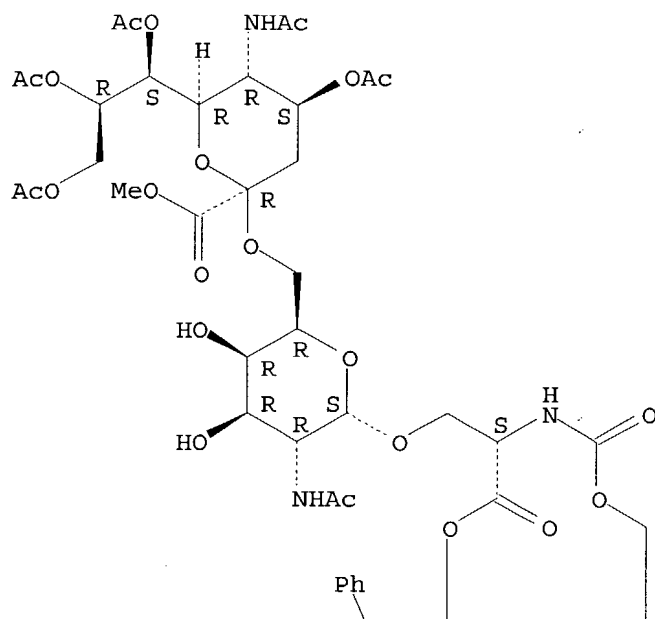
RN 188245-81-0 CAPLUS  
 CN L-Threonine, O-[2-(acetylamino)-6-O-(N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl- $\alpha$ -neuraminosyl)-2-deoxy-3,4-O-(1-methylethylidene)- $\alpha$ -D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 188245-82-1 CAPLUS  
 CN L-Serine, O-[2-(acetylamino)-6-O-(N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl- $\alpha$ -neuraminosyl)-2-deoxy- $\alpha$ -D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

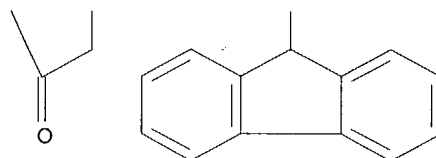
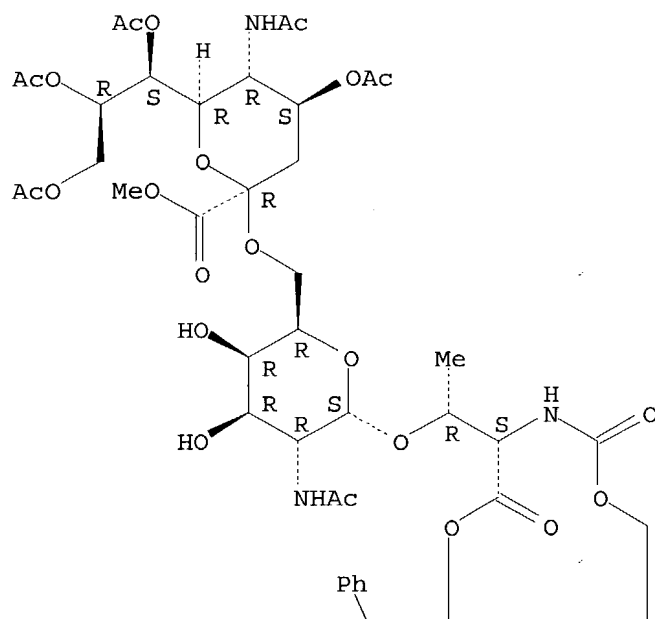
Absolute stereochemistry.



RN 188245-83-2 CAPLUS  
 CN L-Threonine, O-[2-(acetylamino)-6-O-(N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl- $\alpha$ -neuraminosyl)-2-deoxy- $\alpha$ -D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

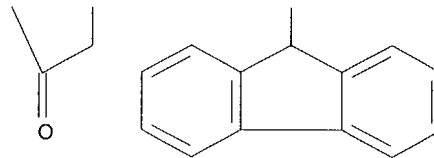
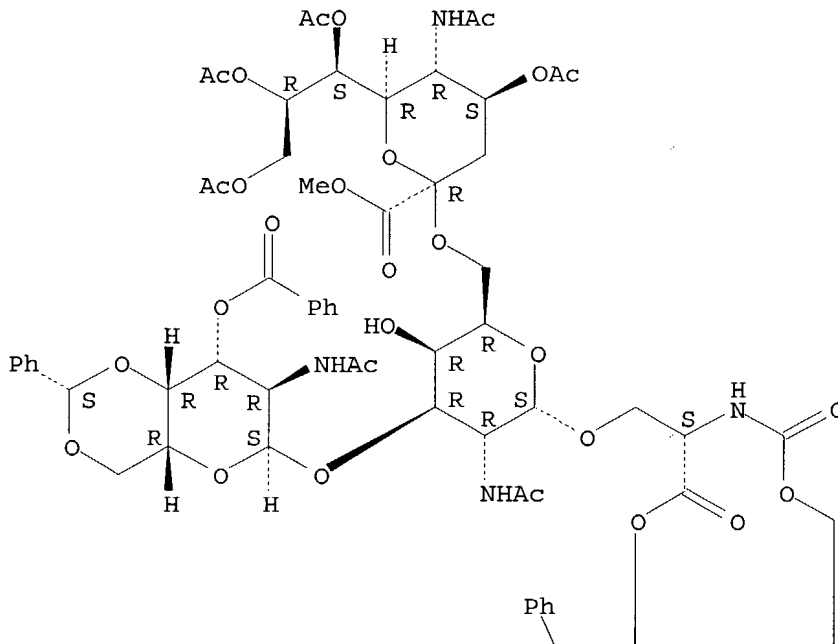
Absolute stereochemistry.





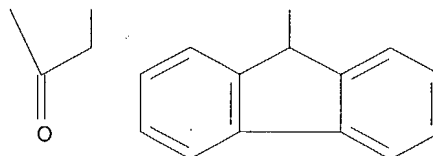
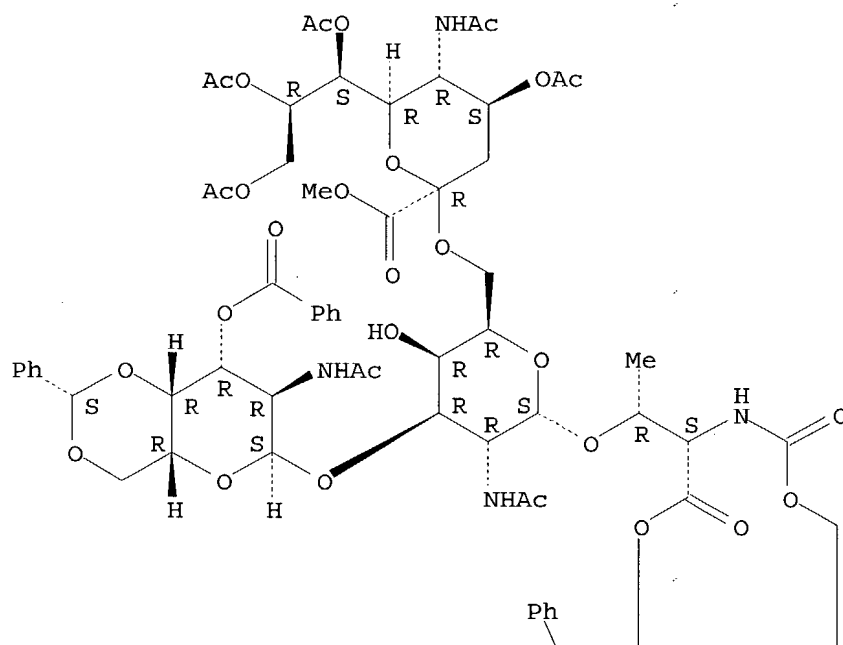
RN 188245-84-3 CAPLUS  
 CN L-Serine, O- [O-2-(acetylamino)-3-O-benzoyl-2-deoxy-4,6-O-[(S)-phenylmethylene]- $\alpha$ -D-galactopyranosyl-(1 $\rightarrow$ 3)-O-[N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl- $\alpha$ -neuraminosyl-(2 $\rightarrow$ 6)]-2-(acetylamino)-2-deoxy- $\alpha$ -D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

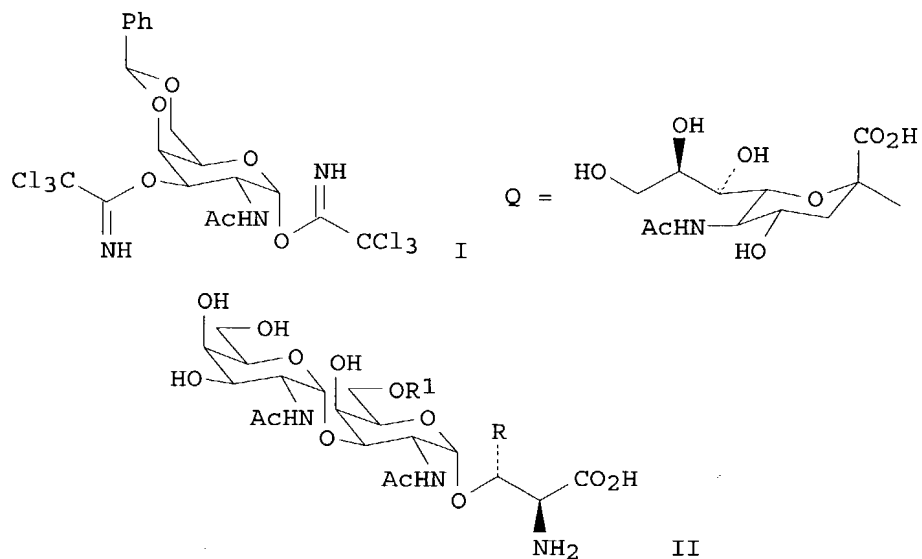


RN 188245-85-4 CAPLUS  
 CN L-Threonine, O-[O-2-(acetylamino)-3-O-benzoyl-2-deoxy-4,6-O-[(S)-phenylmethylene]- $\alpha$ -D-galactopyranosyl-(1 $\rightarrow$ 3)-O-[N-acetyl-4,7,8,9-tetra-O-acetyl-1-methyl- $\alpha$ -neuraminosyl-(2 $\rightarrow$ 6)]-2-(acetylamino)-2-deoxy- $\alpha$ -D-galactopyranosyl]-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



ACCESSION NUMBER:	1997:114546 CAPLUS
DOCUMENT NUMBER:	126:225518
TITLE:	A novel glycosyl donor for the synthesis of cancer specific core 5 and sialyl core 5 as glycopeptide building blocks
AUTHOR(S):	Qiu, Dongxu; Koganty, R. Rao
CORPORATE SOURCE:	Biomira Inc., Edmonton, AB, T6N 1H1, Can.
SOURCE:	Tetrahedron Letters (1997), 38(6), 961-964
	CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER:	Elsevier
DOCUMENT TYPE:	Journal
LANGUAGE:	English
OTHER SOURCE(S):	CASREACT 126:225518
GRAPHIC IMAGE:	



# ABSTRACT:

Trichloroacetimidate at positions 1 and 3 of benzyldenegalactosamine I serves as a leaving group for glycosylation and a selective and acid sensitive protecting group, resp. Versatile donor I, while forming exclusive  $\alpha$ -glycoside with protected Ser and Thr derivs., serves as a facile \*\*\*precursor\*\*\* to 3-OH which can be generated in acid medium without affecting the 4,6-acetal protecting group or the protecting groups of Ser or Thr. Synthesis of cancer-associated carbohydrate Core 5 II (R = H, Me, R1 = H) and its sialylated analog II (R1 = Q) are accomplished through the use of donor I.

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN

IT 173426-81-8

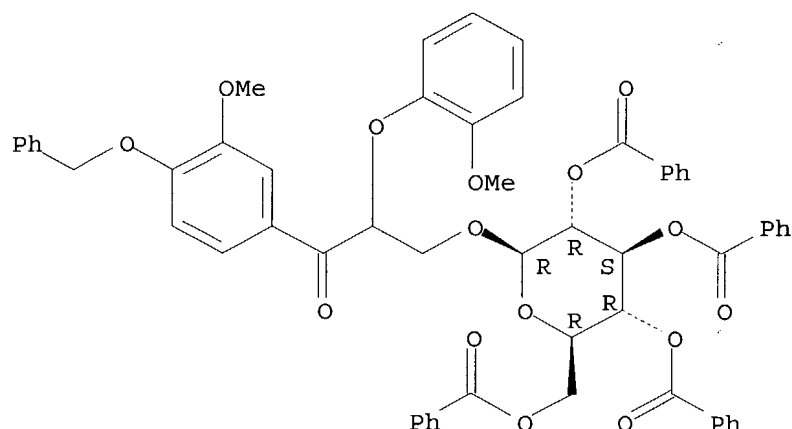
RL: RCT (Reactant); RACT (Reactant or reagent)

(complete threo-stereoselectivity of diisopinocampheylchloroborane reductant for preparation of  $\beta$ -O-4 lignin model dimers)

RN 173426-81-8 CAPLUS

CN 1-Propanone, 2-(2-methoxyphenoxy)-1-[3-methoxy-4-(phenylmethoxy)phenyl]-3-[(2,3,4,6-tetra-O-benzoyl- $\beta$ -D-glucopyranosyl)oxy]- (9CI) (CA INDEX NAME)

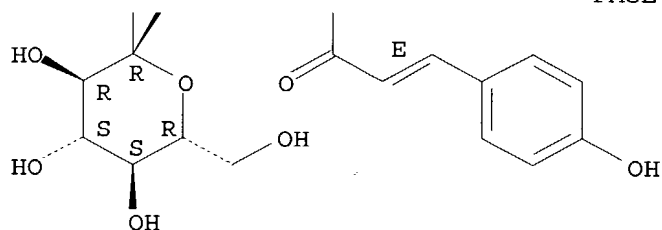
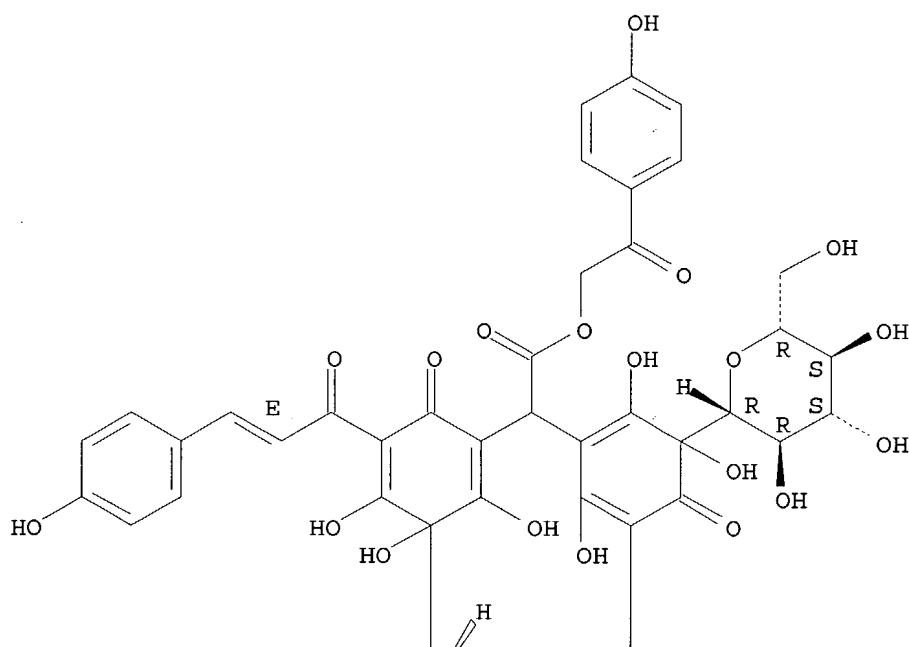
Absolute stereochemistry.



ACCESSION NUMBER: 1996:36953 CAPLUS  
 DOCUMENT NUMBER: 124:149005  
 TITLE: Complete threo-stereoselectivity for the preparation of  $\beta$ -O-4 lignin model dimers  
 AUTHOR(S): Helm, Richard F.; Li, Kaichang  
 CORPORATE SOURCE: Department Wood Science Forest Products, Virginia Polytechnic Institute State University, Blacksburg, VA, USA  
 SOURCE: Holzforschung (1995), 49(6), 533-6  
 CODEN: HOLZAZ; ISSN: 0018-3830  
 PUBLISHER: de Gruyter  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 ABSTRACT: Reduction of the  $\alpha$ -ketone of several  $\beta$ -O-4 lignin model \*\*\*precursors\*\*\* with the asym. reductant diisopinocampheylchloroborane (DIP-chloride<sup>TM</sup>) provides the threo isomers in 80% yield and >98% purity. Although this reductant is available in two chiral forms, no enantioselectivity was observed

L9 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN  
 IT 160564-03-4  
 RL: PRP (Properties)  
 (preparation of)  
 RN 160564-03-4 CAPLUS  
 CN 1,4-Cyclohexadiene-1-acetic acid, 3- $\beta$ -D-glucopyranosyl- $\alpha$ -(3- $\beta$ -D-glucopyranosyl-2,3,6-trihydroxy-5-[3-(4-hydroxyphenyl)-1-oxo-2-propenyl]-4-oxo-1,5-cyclohexadien-1-yl)-2,3,4-trihydroxy-5-[3-(4-hydroxyphenyl)-1-oxo-2-propenyl]-6-oxo-, 2-(4-hydroxyphenyl)-2-oxoethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



ACCESSION NUMBER: 1995:262890 CAPLUS  
 DOCUMENT NUMBER: 122:101607  
 TITLE: **Precursor** of carthamin, a constituent of safflower  
 AUTHOR(S): Kumazawa, Toshihiro; Sato, Shingo; Kanenari, Daisuke; Kunimatsu, Akira; Hirose, Ryoji; Matsuba, Shigeru; Obara, Heitaro; Suzuki, Masanobu; Sato, Masaya; Onodera, Jun-ichi  
 CORPORATE SOURCE: Fac. Eng., Yamagata Univ., Yonezawa, 992, Japan  
 SOURCE: Chemistry Letters (1994), (12), 2343-4  
 CODEN: CMLTAG; ISSN: 0366-7022  
 PUBLISHER: Nippon Kagakkai  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 ABSTRACT:

**Precursor** of carthamin was isolated from the flower of *Carthamus tinctorius* L. (safflower) and its structure was characterized on the basis of spectroscopic anal. and by comparing its properties with those of synthetic model compound

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